

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,344,593 B2  
APPLICATION NO. : 10/090060  
DATED : March 18, 2008  
INVENTOR(S) : Caidian Luo and Donald J. Merkley

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

At Column 15, at or about line 59:

-replace the line with what is written below:

“treated fibers. Sample D was prepared with chemically”

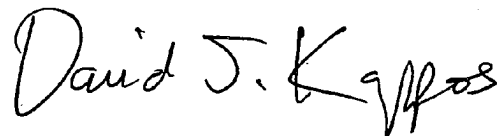
At Column 15, at or about line 61:

-replace the line with what is written below:

“grade NF405, a debonder treated fibers) while sample C”

Signed and Sealed this

Twenty-ninth Day of June, 2010

A handwritten signature in black ink, reading "David J. Kappos". The signature is written in a cursive, flowing style with a large, stylized 'D' and 'K'.

David J. Kappos  
*Director of the United States Patent and Trademark Office*